

Application Serial No: 10/090,987
In reply to Office Action of 23 Jun 2003

Attorney Docket No. 80085

AMENDMENTS TO THE CLAIMS

1. (canceled).

2. (currently amended) ~~The A method as claimed in claim 1 for making artificial snow comprising the steps of:~~

mixing water with a drag reducing polymer to form an aqueous solution, wherein said drag reducing polymer solution comprises polyethylene oxide in a carrier solution;

aerating said aqueous solution; and

freezing said aerated aqueous solution to form snow crystals.

3. (original) The method as claimed in claim 2 wherein said carrier solution includes glycerin and isopropanol.

4. (currently amended) ~~The method as claimed in claim 1 for making artificial snow comprising the steps of:~~

mixing water with a drag reducing polymer to form an aqueous solution, wherein said drag reducing polymer

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includes polyethylene oxide particles having a diameter less than about 20 microns;

aerating said aqueous solution; and

freezing said aerated aqueous solution to form snow crystals.

5. (original) The method as claimed in claim 4 wherein the concentration of said polyethylene oxide in said carrier solution is about 20 to about 30 percent by weight.

6. (canceled).

7. (canceled).

8. (currently amended) The A snow making system as claimed in claim 7 comprising:

a water source;

a drag reducing polymer source wherein said drag reducing polymer comprises polyethylene oxide in a carrier solution;

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mixing means joined to said water source and said drag reducing polymer source for mixing said polymer in said water;
a pump joined to said mixing means;
a fluid transfer line joined to said pump; and
a snow making nozzle joined to said fluid transfer line.

9. (original) The snow making system as claimed in claim 8 wherein said carrier solution includes glycerin and isopropanol.

10. (original) The snow making system as claimed in claim 8 wherein said polyethylene oxide has a particle diameter less than 20 microns.

11. (original) The snow making system as claimed in claim 8 wherein said polyethylene oxide in said carrier solution is at a concentration of 20 to 30 percent by weight.

12-16. (canceled).